Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	3	((diffract$ or bragg or hologra$ or volume) and (grating or element) and (refract$ and ind$4) and (key or cod$4 or encod$4) and (freespace or free?space or (free near4 space))).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/30 11:14
S1	2	WO-9636436-$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/29 09:58
S2	120	(LED or (light near3 emi$5 near3 diode)) same bragg same (refract$ near3 ind$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/29 09:59

S3	175	(US-6785433-$ or US-5089387-$ or US-6751387-$ or US-6694067-$ or US-6542673-$ or US-6506342-$ or US-6096496-$ or US-6483096-$ or US-6436651-$ or US-6434298-$ or US-6399295-$ or US-6395558-$ or US-6350413-$ or US-6317528-$ or US-6312961-$ or US-6289144-$ or US-6078705-$ or US-6035082-$ or US-6005691-$ or US-5994150-$ or US-5961924-$ or US-5832165-$ or US-5822472-$ or US-5814565-$ or US-5745615-$ or US-5646400-$).did. or (US-5455178-$ or US-5446534-$ or US-5210404-$ or US-5172250-$ or US-5113286-$ or US-5082629-$ or US-4892385-$ or US-4815843-$ or US-4767719-$ or US-4576439-$ or US-6591054-$ or US-5903340-$ or US-5770455-$ or US-5565324-$ or US-6365907-$ or US-5841555-$ or US-5627663-$ or US-5066133-$ or US-4568141-$ or US-6586193-$ or US-6579673-$ or US-6352828-$ or US-6280935-$ or US-6268222-$ or US-6251691-$ or US-6235475-$ or US-6214560-$).did. or (US-6172218-$ or US-6172214-$ or US-6150516-$ or US-5846719-$ or US-5352582-$ or US-5780231-$ or US-6469785-$ or US-6087655-$ or US-5793485-$ or US-5784157-$ or US-5608519-$ or US-5071248-$ or US-4876208-$ or US-6093536-$ or US-5100238-$ or US-4647544-$ or US-6437345-$ or US-5922550-$ or US-RE33581-$ or US-5118608-$ or US-5081012-$ or US-5003600-$ or US-4931384-$ or US-4880752-$ or US-4023010-$ or US-4011435-$ or US-5742432-$).did. or (US-5729365-$ or US-5506674-$ or US-5442433-$ or US-5394234-$ or US-5374816-$ or US-5300764-$ or US-5291027-$ or US-6314220-$ or US-6292282-$ or US-6221579-$ or US-6087186-$ or US-6060256-$ or US-6036807-$ or US-5925878-$ or US-5671308-$ or US-6346376-$ or US-5989923-$ or US-5478527-$ or US-5156810-$).did. or (US-20040179267-$ or US-20040179266-$ or US-20040132172-$ or US-20040130786-$ or US-20040130761-$ or US-20040125424-$ or US-20040075907-$ or US-20040022475-$ or US-20030231818-$ or US-20030215185-$ or US-20030138207-$ or US-20030133640-$ or US-20020141702-$ or US-20020076154-$ or US-20020041724-$ or US-20020041723-$ or US-20040130760-$ or US-20040021945-$ or US-20030219205-$ or US-20020196994-$ or US-20020191913-$ or US-20040181344-$ or US-20020127565-$ or US-20040126875-$ or US-20040038307-$ or US-20030207258-$).did. or (US-20030207257-$ or US-20030207255-$ or US-20030207254-$ or US-20030207253-$ or US-20030113766-$ or US-20030104390-$ or US-20030059855-$ or US-20030032039-$ or US-20030027328-$ or US-20030027327-$ or US-20030017581-$ or US-20020028451-$ or US-20010004526-$ or US-20030049620-$ or US-20020155507-$ or US-20040151626-$ or US-20040132214-$ or US-20040132205-$ or US-20030092075-$ or US-20030026891-$ or US-20030017580-$ or US-20020192680-$ or US-20020168295-$ or US-20020025534-$ or US-20040145752-$ or US-20030068657-$ or US-20030124599-$).did. or (US-20040175843-$ or US-20040175842-$ or US-20030129654-$ or US-20030077660-$ or US-20030162296-$ or US-20030142713-$ or US-20030142704-$ or US-20040053295-$ or US-20040046128-$ or US-20030207328-$ or US-20030157731-$ or US-20030148542-$ or US-20030132406-$ or US-20030082587-$ or US-20020104762-$ or US-20020090613-$ or US-20040063146-$ or US-20030207256-$ or US-20020034457-$ or US-20020022273-$ or US-20010031503-$).did. or (WO-9636436-$).did. or (US-20020127565-$).did.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2004/09/29 12:14
S4	18	S3 and (magnet$ same (orient$ or align$))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/29 12:15
S5	60	S3 and (low$5 with refract$ with ind$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/29 12:54

S6	29	S3 and (low$5 with refract$ with ind$4 with grating)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/29 12:56
S7	232	(359/2).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/26 19:06
S8	903	(359/566).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/26 19:06
S9	676	(359/569).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/26 19:06
S10	325	(359/558).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/26 19:06
S11	278	(359/571).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/26 19:06
S12	330	(359/572).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/26 19:06
S13	658	(356/72).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/26 19:06
S14	1888	(356/73.1).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/26 19:07

S15	1385	(385/12).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/26 19:07
S16	820	(385/128).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/26 19:07
S17	2621	(385/37).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/26 19:07
S18	72	(250/559.04).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/26 19:07
S19	55	(250/559.11).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/26 19:07
S20	680	(250/559.4).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/26 19:07
S21	629	(250/227.14).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/26 19:07
S22	152	(250/227.29).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/26 19:08
S23	669	(250/566).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/26 19:08

S24	329	(250/568).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/26 19:08
S25	203	(235/473).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/26 19:08
S26	5177	(435/4).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/26 19:08
S27	922	(435/288.7).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/26 19:08
S28	710	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128). CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11). CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29). CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and ((diffract$ or bragg or hologra$) near3 grating) and (substrate or (optic$4 near3 fiber)) and (chemical or species or assay)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/01/07 16:35
S29	575	((((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128). CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11). CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29). CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and ((diffract$ or bragg or hologra$) near3 grating) and (substrate or (optic$4 near3 fiber)) and (chemical or species or assay)) and (refract$ near3 ind$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/27 11:35
S30	2	("5,089,387").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/26 19:53
S31	17759	((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558). CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37). CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4). CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566). CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/27 10:48

S32	298	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128). CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11). CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29). CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and (((diffract$ or bragg or hologra$) near3 grating) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/27 11:37
S33	29	("4539507" | "4833092" | "5034613" | "5136572" | "5141671" | "5214409" | "5252962" | "5257011" | "5266926" | "5351052" | "5405709" | "5409783" | "5434878" | "5438878" | "5448582" | "5503805" | "5558904" | "5565324" | "5604097" | "5641634" | "5751629" | "5770358" | "5770455" | "5840485" | "5874214" | "5903340" | "5981180" | "6043023" | "6096494").PN.	USPAT	OR	ON	2004/09/27 11:23
S34	26495	(435/6).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/27 11:34
S35	168	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128). CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11). CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29). CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and (((bragg) near3 (grating or reflect$)) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/27 11:58
S36	76	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128). CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11). CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29). CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and (((bragg) near3 (reflect$)) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/27 12:03
S37	154	((435/6).CCLS.) and ((diffract$ or bragg or hologra$) near3 grating) and (substrate or (optic$4 near3 fiber)) and (chemical or species or assay)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/27 12:12
S38	0	WO-02061429-$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/27 12:12
S39	0	WO-0261429-$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/27 12:12

S40	0	WO-2002061429-$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/27 12:12
S41	1	WO-200261429-$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/27 12:17
S42	2	("20020127565").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/27 12:18
S43	19	("4539507" | "4833092" | "5034613" | "5136572" | "5141671" | "5214409" | "5252962" | "5257011" | "5266926" | "5351052" | "5405709" | "5409783" | "5438878" | "5448582" | "5558904" | "5565324" | "5641634" | "5751629" | "5770455").PN.	USPAT	OR	ON	2004/09/27 13:28
S44	85	(((435/6).CCLS.) and ((diffract$ or bragg or hologra$) near3 grating) and (substrate or (optic$4 near3 fiber)) and (chemical or species or assay)) and (refract$ near3 ind$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/27 14:28
S45	9	((435/6).CCLS.) and (((bragg) near3 (grating or reflect$)) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/27 13:34
S46	6	((435/6).CCLS.) and (((bragg) near3 (reflect$)) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/27 14:02
S47	77	((435/6).CCLS.) and (((diffract$ or bragg or hologra$) near3 grating) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/27 14:02
S48	333	(particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag$4 or label$4 or cod$3 or encod$3) and (bragg near3 (grating or mirror or reflect$))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/27 17:04
S49	234	((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag$4 or label$4 or cod$3 or encod$3) and (bragg near3 (grating or mirror or reflect$))) and (refract$ near3 ind$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/27 14:29
S50	241	(particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag$4 or label$4 or cod$3 or encod$3) and (grating with (refract$ near3 ind$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/27 17:31

S51	66	(particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag$4 or label$4 or cod$3 or encod$3) and (grating with (refract$ near3 ind$4) with (vary$3 or varia$))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 17:07
S52	150	(particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag$4 or label$4 or cod$3 or encod$3) and (grating near3 refract$ near3 ind$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 17:49
S53	2	((fiber or bragg or phase) near3 grating) with (embed$ or encod$3 or cod$3 or tag$4 or label$4) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 17:52
S54	32	grating with (embed$ or encod$3 or cod$3 or tag$4 or label$4) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 18:13
S55	539	grating with (embed$ or encod$3 or cod$3 or tag$4 or label$4) with (substrate or film or layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 18:14
S56	61	((bragg or phase or fiber) near3 grating) with (embed$ or encod$3 or cod$3 or tag$4 or label$4) with (substrate or film or layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 18:22
S57	343	(((bragg or phase or fiber) near3 grating) with (embed$ or encod$3 or cod$3 or tag$4 or label$4)) and combinat$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 18:23
S58	2	((((bragg or phase or fiber) near3 grating) with (embed$ or encod$3 or cod$3 or tag$4 or label$4)) and combinat$) and (refract$ near3 ind$4) and assay	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 18:23
S59	2	((((bragg or phase or fiber) near3 grating) with (embed$ or encod$3 or cod$3 or tag$4 or label$4)) and combinat$) and assay	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 18:23
S60	2	(((bragg or phase or fiber) near3 grating) with (embed$ or encod$3 or cod$3 or tag$4 or label$4)) and assay$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 18:24
S61	5	(((bragg or phase or fiber or hologra$) near3 grating) with (embed$ or encod$3 or cod$3 or tag$4 or label$4)) and assay$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 18:25

S62	9	(((bragg or phase or fiber or hologra$) near3 grating) with (embed$ or encod$3 or cod$3 or tag$4 or label$4 or identif$)) and assay$3	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/27 18:29
S63	93	((bragg or phase or fiber or hologra$) near3 grating) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/28 09:03
S64	37374	((bragg or phase or fiber or hologra$) near3 grating) or ((vary$ or varia$) with refract$ with ind$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/28 12:27
S65	4343	(((bragg or phase or fiber or hologra$) near3 grating) or ((vary$ or varia$) with refract$ with ind$4)) and ((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film) with (embed$ or encod$3 or cod$3 or tag$4 or label$4 or identif$))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/28 11:10
S66	344	((((bragg or phase or fiber or hologra$) near3 grating) or ((vary$ or varia$) with refract$ with ind$4)) and ((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film) with (embed$ or encod$3 or cod$3 or tag$4 or label$4 or identif$))) and (assay$3 or combinator$)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/28 11:11
S67	22407	((bragg or phase or fiber or hologra$ or volume) near3 grating) or (period$ with refract$ with ind$4 with grating)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/28 11:10
S68	2786	(((bragg or phase or fiber or hologra$ or volume) near3 grating) or (period$ with refract$ with ind$4 with grating)) and ((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film) with (embed$ or encod$3 or cod$3 or tag$4 or label$4 or identif$))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/28 11:11
S69	249	((((bragg or phase or fiber or hologra$ or volume) near3 grating) or (period$ with refract$ with ind$4 with grating)) and ((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film) with (embed$ or encod$3 or cod$3 or tag$4 or label$4 or identif$))) and (assay$3 or combinator$)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/28 11:12
S70	167547	(index$ or address$) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/28 11:22
S71	6664	((index$ or address$) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film)) same grating	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/28 11:22
S72	140	(((index$ or address$) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film)) same grating) and (refract$ near3 ind$4) and (assay or combinator$)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/28 11:40

S73	1	("re37473").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/28 11:41
S74	1	("re37891").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/28 11:41
S75	1	("re33581").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/28 11:42
S76	76	(("3968476") or ("4011435") or ("4023010") or ("4053228") or ("4131337") or ("4386274") or ("4445229") or ("4560881") or ("4562157") or ("4647544") or ("4678752") or ("4685480") or ("4740688") or ("4748110") or ("4767719") or ("4816659") or ("4841140") or ("4877747") or ("4880752") or ("4882288") or ("4921805") or ("4931384") or ("4958376") or ("4992385") or ("5003600") or ("5033826") or ("5067155") or ("5081012") or ("5089387") or ("5095194") or ("5100238") or ("5115121") or ("5118608") or ("5138468") or ("5141848") or ("5144461") or ("5166813")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/28 11:59
S77	97	(("5196350") or ("5200794") or ("5291006") or ("5291027") or ("5300764") or ("5310686") or ("5349442") or ("5352582") or ("5364797") or ("5374816") or ("5374818") or ("5394234") or ("5442433") or ("5448659") or ("5461528") or ("5461475") or ("5465176") or ("5468649") or ("5506674") or ("5514785") or ("5528045") or ("5547849") or ("5585639") or ("5607188") or ("5621515") or ("5627040") or ("5627663") or ("5633724") or ("5663790") or ("5667976") or ("5721912") or ("5721435") or ("5729365") or ("5736330") or ("5742432") or ("5759778") or ("5760961") or ("5766956") or ("5793502") or ("5798273") or ("5799231") or ("5801857") or ("5804384") or ("5822472") or ("5824478") or ("5824557") or ("5831698") or ("5837475") or ("5841555")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/28 12:18
S78	4	(("5451528") or ("5712912")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/28 12:19
S79	96	(("5846737") or ("5874187") or ("5895750") or ("5922550") or ("5925562") or ("5925878") or ("5945679") or ("5986838") or ("5989923") or ("5998796") or ("6001510") or ("6017754") or ("6025129") or ("6025283") or ("6036807") or ("6043880") or ("6046925") or ("6049727") or ("6057107") or ("6060256") or ("6067167") or ("6067392") or ("6078048") or ("6087186") or ("6096496") or ("6097485") or ("6103535") or ("6118127") or ("6160240") or ("6160656") or ("6164548") or ("6165592") or ("6165648") or ("6194563") or ("6218194") or ("6221579") or ("6229635") or ("6259450") or ("6268128") or ("6284459") or ("6292282") or ("6292319") or ("6301047") or ("6304263") or ("6306587") or ("6309601") or ("6312961") or ("6313771") or ("6314220") or ("6319668")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/28 12:22

S80	72	(("6322932") or ("6329963") or ("6331273") or ("6352854") or ("6355198") or ("6371370") or ("6372428") or ("6399295") or ("6406841") or ("6406848") or ("6416714") or ("6417010") or ("6428707") or ("6428957") or ("6433849") or ("6436651") or ("6489606") or ("6496287") or ("6506342") or ("6515753") or ("6522406") or ("6524793") or ("6533183") or ("6560017") or ("6565770") or ("6592036") or ("6594421") or ("6609728") or ("6613581") or ("6618342") or ("6622916") or ("6628439") or ("6632655") or ("6635470") or ("6678429") or ("6689316") or ("6692912")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/28 12:48
S81	12	(("20020090650") or ("20030129654") or ("20020022273") or ("20030138208") or ("20030032203") or ("20030021003")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/28 12:52
S82	4	(("5671308") or ("6340588")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/28 12:52
S83	4262	(436/518).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/28 12:59
S84	742	(436/524).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/28 12:58
S85	524	(436/525).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/28 12:58
S86	627	(436/526).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/28 12:58
S87	786	(436/527).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/28 12:58
S88	940	(436/528).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/28 12:59

S89	1346	(436/531).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/28 12:59
S90	6123	((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/28 12:59
S91	144	((((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)) and grating) and (refract$ near3 ind$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/28 13:00
S92	226	(((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)) and grating	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/28 13:49
S93	442	(modulat$ with refract$ with ind$4 with grating) and (embed$ or encod$3 or cod$3 or tag$4 or label$4 or identif$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/28 13:51
S94	34	(modulat$ with refract$ with ind$4 with grating) and (assay$3 or combinator$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/29 09:49
S101	615	(((((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and ((diffract$ or bragg or hologra$) near3 grating) and (substrate or (optic$4 near3 fiber)) and (chemical or species or assay)) and (refract$ near3 ind$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 16:35
S102	313	((((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and (((diffract$ or bragg or hologra$) near3 grating) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 16:35

S103	179	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128). CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11). CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29). CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and (((bragg) near3 (grating or reflect$)) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/01/07 16:35
S104	80	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128). CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11). CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29). CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and (((bragg) near3 (reflect$)) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/01/07 16:35
S105	164	((435/6).CCLS.) and ((diffract$ or bragg or hologra$) near3 grating) and (substrate or (optic$4 near3 fiber)) and (chemical or species or assay)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/01/07 16:35
S106	90	(((435/6).CCLS.) and ((diffract$ or bragg or hologra$) near3 grating) and (substrate or (optic$4 near3 fiber)) and (chemical or species or assay)) and (refract$ near3 ind$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/01/07 16:36
S107	9	((435/6).CCLS.) and (((bragg) near3 (grating or reflect$)) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/01/07 16:36
S108	6	((435/6).CCLS.) and (((bragg) near3 (reflect$)) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/01/07 16:36
S109	82	((435/6).CCLS.) and (((diffract$ or bragg or hologra$) near3 grating) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/01/07 16:36
S110	144	(((((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)) and grating) and (refract$ near3 ind$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/01/07 16:36
S111	233	(((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)) and grating	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/01/07 16:37

S112	2	wo-9715690-$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/01/07 16:38
S113	258	((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag$4 or label$4 or cod$3 or encod$3) and (bragg near3 (grating or mirror or reflect$))) and (refract$ near3 ind$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/01/09 14:14
S114	261	(particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag$4 or label$4 or cod$3 or encod$3) and (grating with (refract$ near3 ind$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/01/09 14:15
S115	73	(particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag$4 or label$4 or cod$3 or encod$3) and (grating with (refract$ near3 ind$4) with (vary$3 or varia$))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/01/09 14:15
S116	164	(particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag$4 or label$4 or cod$3 or encod$3) and (grating near3 refract$ near3 ind$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/01/09 14:15
S117	2	((fiber or bragg or phase) near3 grating) with (embed$ or encod$3 or cod$3 or tag$4 or label$4) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/01/09 14:15
S118	37	grating with (embed$ or encod$3 or cod$3 or tag$4 or label$4) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/01/09 14:15
S119	61	((bragg or phase or fiber) near3 grating) with (embed$ or encod$3 or cod$3 or tag$4 or label$4) with (substrate or film or layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/01/09 14:15
S120	2	((((bragg or phase or fiber) near3 grating) with (embed$ or encod$3 or cod$3 or tag$4 or label$4)) and combinat$) and (refract$ near3 ind$4) and assay	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/01/09 14:15
S121	6	(((bragg or phase or fiber or hologra$) near3 grating) with (embed$ or encod$3 or cod$3 or tag$4 or label$4)) and assay$3	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/01/09 14:16
S122	10	(((bragg or phase or fiber or hologra$) near3 grating) with (embed$ or encod$3 or cod$3 or tag$4 or label$4 or identif$)) and assay$3	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/01/09 14:16

S123	99	((bragg or phase or fiber or hologra$) near3 grating) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/01/09 14:16
S124	377	((((bragg or phase or fiber or hologra$) near3 grating) or ((vary$ or varia$) with refract$ with ind$4)) and ((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film) with (embed$ or encod$3 or cod$3 or tag$4 or label$4 or identif$))) and (assay$3 or combinator$)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/01/09 14:16
S125	275	((((bragg or phase or fiber or hologra$ or volume) near3 grating) or (period$ with refract$ with ind$4 with grating)) and ((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film) with (embed$ or encod$3 or cod$3 or tag$4 or label$4 or identif$))) and (assay$3 or combinator$)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/01/09 14:16
S126	156	(((index$ or address$) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film)) same grating) and (refract$ near3 ind$4) and (assay or combinator$)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/01/09 14:17
S127	35	(modulat$ with refract$ with ind$4 with grating) and (assay$3 or combinator$)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/01/09 14:17

S128	191	(US-20010004526-$ or US-20010031503-$ or US-20020022273-$ or US-20020025534-$ or US-20020028451-$ or US-20020034457-$ or US-20020041723-$ or US-20020041724-$ or US-20020076154-$ or US-20020090613-$ or US-20020104762-$ or US-20020127565-$ or US-20020141702-$ or US-20020155507-$ or US-20020168295-$ or US-20020191913-$ or US-20020192680-$ or US-20020196994-$ or US-20030017580-$ or US-20030017581-$ or US-20030026891-$ or US-20030027327-$ or US-20030027328-$ or US-20030032039-$ or US-20030049620-$ or US-20030059855-$).did. or (US-20030068657-$ or US-20030077660-$ or US-20030082587-$ or US-20030092075-$ or US-20030104390-$ or US-20030113766-$ or US-20030124599-$ or US-20030129654-$ or US-20030132406-$ or US-20030133640-$ or US-20030138207-$ or US-20030142704-$ or US-20030142713-$ or US-20030148542-$ or US-20030157731-$ or US-20030162296-$ or US-20030207253-$ or US-20030207254-$ or US-20030207255-$ or US-20030207256-$ or US-20030207257-$ or US-20030207258-$ or US-20030207328-$ or US-20030215185-$ or US-20030219205-$ or US-20030231818-$ or US-20040021945-$).did. or (US-20040022475-$ or US-20040038307-$ or US-20040046128-$ or US-20040053295-$ or US-20040063146-$ or US-20040075907-$ or US-20040125424-$ or US-20040126875-$ or US-20040130760-$ or US-20040130761-$ or US-20040130786-$ or US-20040132172-$ or US-20040132205-$ or US-20040132214-$ or US-20040145752-$ or US-20040151626-$ or US-20040175842-$ or US-20040175843-$ or US-20040179266-$ or US-20040179267-$ or US-20040181344-$ or US-20040233485-$ or US-20040247486-$ or US-20040197816-$ or US-20040263923-$ or US-20040254419-$ or US-20040241765-$).did. or (US-4011435-$ or US-4023010-$ or US-4568141-$ or US-4576439-$ or US-4647544-$ or US-4767719-$ or US-4815843-$ or US-4876208-$ or US-4880752-$ or US-4892385-$ or US-4931384-$ or US-5003600-$ or US-5066133-$ or US-5071248-$ or US-5081012-$ or US-5082629-$ or US-5089387-$ or US-5100238-$ or US-5113286-$ or US-5118608-$ or US-5156810-$ or US-5172250-$ or US-5210404-$ or US-5291027-$ or US-5300764-$ or US-5352582-$).did. or (US-5374816-$ or US-5394234-$ or US-5442433-$ or US-5446534-$ or US-5455178-$ or US-5478527-$ or US-5506674-$ or US-5565324-$ or US-5608519-$ or US-5627663-$ or US-5646400-$ or US-5671308-$ or US-5729365-$ or US-5742432-$ or US-5745615-$ or US-5770455-$ or US-5780231-$ or US-5784157-$ or US-5793485-$ or US-5814565-$ or US-5822472-$ or US-5832165-$ or US-5841555-$ or US-5846719-$ or US-5903340-$ or US-5922550-$ or US-5925878-$).did. or (US-5961924-$ or US-5989923-$ or US-5994150-$ or US-6005691-$ or US-6035082-$ or US-6036807-$ or US-6060256-$ or US-6078705-$ or US-6087186-$ or US-6087655-$ or US-6093536-$ or US-6096496-$ or US-6150516-$ or US-6172214-$ or US-6172218-$ or US-6214560-$ or US-6221579-$ or US-6235475-$ or US-6251691-$ or US-6268222-$ or US-6280935-$ or US-6289144-$ or US-6292282-$ or US-6312961-$ or US-6314220-$ or US-6317528-$ or US-6346376-$).did. or (US-6350413-$ or US-6352828-$ or US-6365907-$ or US-6395558-$ or US-6399295-$ or US-6434298-$ or US-6436651-$ or US-6437345-$ or US-6469785-$ or US-6483096-$ or US-6506342-$ or US-6542673-$ or US-6579673-$ or US-6586193-$ or US-6591054-$ or US-6694067-$ or US-6751387-$ or US-6785433-$ or US-RE33581-$ or US-6795599-$ or US-6067392-$ or US-6025129-$ or US-5925562-$ or US-6372428-$ or US-6352854-$ or US-6331273-$ or US-6340588-$).did. or (WO-9636436-$).did. or (US-20020127565-$ or WO-200237944-$ or US-20020022273-$).did.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/01/09 17:41
S129	23	S128 and blaz$	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/01/09 17:41
S130	19395	((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558). CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37). CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4). CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566). CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/26 16:31

S131	852	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128). CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11). CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29). CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and ((diffract$ or bragg or hologra$) near3 grating) and (substrate or (optic$4 near3 fiber)) and (chemical or species or assay)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/26 16:31
S132	685	((((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128). CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11). CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29). CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and ((diffract$ or bragg or hologra$) near3 grating) and (substrate or (optic$4 near3 fiber)) and (chemical or species or assay)) and (refract$ near3 ind$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/26 16:31
S133	353	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128). CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11). CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29). CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and (((diffract$ or bragg or hologra$) near3 grating) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/26 16:31
S134	199	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128). CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11). CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29). CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and (((bragg) near3 (grating or reflect$)) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/26 16:31
S135	86	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128). CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11). CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29). CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and (((bragg) near3 (reflect$)) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/26 16:32
S136	186	((435/6).CCLS.) and ((diffract$ or bragg or hologra$) near3 grating) and (substrate or (optic$4 near3 fiber)) and (chemical or species or assay)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/26 17:56
S137	104	(((435/6).CCLS.) and ((diffract$ or bragg or hologra$) near3 grating) and (substrate or (optic$4 near3 fiber)) and (chemical or species or assay)) and (refract$ near3 ind$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/26 16:32

S138	12	((435/6).CCLS.) and (((bragg) near3 (grating or reflect$)) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/26 16:32
S139	9	((435/6).CCLS.) and (((bragg) near3 (reflect$)) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/26 16:32
S140	96	((435/6).CCLS.) and (((diffract$ or bragg or hologra$) near3 grating) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/26 16:32
S141	6607	((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/26 16:33
S142	153	((((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)) and grating) and (refract$ near3 ind$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/26 16:34
S143	255	(((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)) and grating	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/26 16:34
S144	0	wo-03061983-$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/26 17:07
S145	0	wo-0361983-$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/26 17:07
S146	2	("6455004").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/26 17:56
S147	697	((diffract$ or bragg or hologra$) near3 (grating or element)) same (tag$4 or label$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/29 15:43
S148	299	S147 and (refract$ near4 ind$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/29 16:21

S149	640	(((diffract$ or bragg or hologra$) near3 (grating or element)) same (embed$ or encapsulat$ or bur$3 or cover$4)) and (tag$4 or label$)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/29 16:21
S150	366	S149 and (refract$ near4 ind$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/29 15:45
S151	286	S150 and inciden$	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/29 15:47
S152	729	((diffract$ or bragg or hologra$) near3 (grating or element)) with (key or cod$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/29 16:21
S153	1432	((diffract$ or bragg or hologra$) near3 (grating or element)) with (key or cod$4 or encod$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/29 17:52
S154	382	S153 and (refract$ near4 ind$4) and inciden$	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/29 16:22
S155	239	S154 and (embed$ or encapsulat$ or bur$3 or cover$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/29 16:39
S156	52	(((diffract$ or bragg or hologra$ or volume) near3 (grating or element)) with (embed$ or encapsulat$ or bur$3 or cover$4)) same (key or cod$4 or encod$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/29 17:59
S157	23	S156 and (refract$ near4 ind$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/29 17:54
S158	314	((diffract$ or bragg or hologra$ or volume) and (grating or element) and (embed$ or encapsulat$ or bur$3 or cover$4) and (key or cod$4 or encod$4)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/29 18:05
S159	60	S158 and (refract$ and ind$4).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/08/29 18:00

| S160 | 104 | ((diffract$ or bragg or hologra$ or volume) and (grating or element) and (refract$ and ind$4) and (key or cod$4 or encod$4) and (substrate or base)).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2005/08/29 18:41 |